

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A system comprising:
 - a proxy Common Information Model Object Module (CIMOM) coupled with a plurality of Common Information Model (CIM) client applications;
 - a Desktop Management Interface (DMI) service provider coupled with a plurality of DMI component instrumentations; and
 - a CIM/DMI ~~CIM to DMI~~ provider coupled with the proxy CIMOM and the DMI service provider, the ~~CIM to DMI~~ CIM/DMI provider to register the plurality of CIM client applications and the plurality of DMI component instrumentations, receive events from the DMI service provider, receive interrupts from the proxy CIMOM, receive information from both the proxy CIMOM and the DMI service provider, consolidate the information received from the DMI service provider, and translate the interrupts, the events, and the information into a format suitable for an intended recipient, wherein the intended recipient is one of either the CIM client applications or the plurality of DMI component instrumentations.
2. (Currently Amended) The system of claim 1, wherein the ~~CIM to DMI~~ CIM/DMI provider further comprises:
 - a DMI events and CIM requests processing module to

register the plurality of CIM client applications and the plurality of DMI
component instrumentations,
receive events from the DMI service provider,
receive interrupts from the proxy CIMOM, and
receive information from both the proxy CIMOM and the DMI service
provider.

3. (Currently Amended) The system of claim 2, wherein the ~~CIM to DMI~~CIM/DMI
provider further comprises:

a ~~CIM to DMI~~CIM/DMI translation module coupled with the DMI events and
CIM requesting module to
translate DMI requests and messages into CIM objects, and
translate CIM objects into DMI requests and messages.

4. (Currently Amended) The system of claim 3, wherein the ~~CIM to DMI~~CIM/DMI
provider further comprises:

a CIMOM interface provider coupled with the proxy CIMOM and the DMI events
and CIM requests processing module, the CIMOM interface to
receive CIM client application requests,
transmit the CIM client application requests to the DMI events and CIM
request processing module,
receive CIM objects from the DMI events and CIM requests processing
module, and
transmit the CIM objects to the proxy CIMOM.

5. (Currently Amended) The system of claim 3, wherein the ~~CIM to DMI~~CIM/DMI provider further comprises:

a DMI event callback interface module coupled with the DMI service provider and the DMI events and CIM requests processing module, the DMI event callback interface to receive DMI events, and transmit the DMI events to the DMI events and CIM requests processing module.

6. (Currently Amended) The system of claim 5, wherein the ~~CIM to DMI~~CIM/DMI provider further comprises:

a CIMOM event interface coupled with the proxy CIMOM and the DMI events and CIM requests processing module, the CIMOM events interface to transmit CIM interrupts to the proxy CIMOM, wherein the interrupts are translated from the DMI events received by the DMI event callback interface.

7. (Currently Amended) The system of claim 3, wherein the ~~CIM to DMI~~CIM/DMI provider further comprises:

a CIM provider callback interface coupled with the proxy CIMOM and the DMI events and CIM requests processing module, the CIM provider to receive CIM requests from the plurality of CIM client applications, transmit the CIM requests to the DMI events and CIM requests processing module, and

transmit the translated DMI events received from the DMI events and
CIM requests processing module to the proxy CIMOM.

8. (Currently Amended) The system of claim 7, wherein the ~~CIM to DMI~~CIM/DMI
provider further comprises:

a DMI management client interface coupled with the DMI service provider and
the DMI events and CIM requests processing module, the DMI
management client interface to
receive DMI requests from the DMI service provider,
transmit the DMI requests to the DMI events and CIM request processing
module,
receive from the DMI events and CIM requests processing module CIM
requests translated into DMI format, and
transmit the DMI formatted CIM requests to the DMI service provider.

9. (Currently Amended) A method comprising:
instantiating an object request for a class by a Common Information Model (CIM)
client application;
transmitting the object request to a proxy Common Information Model Object
Module (CIMOM) ;
relaying the object request to a ~~CIM to CIM~~CIM/Desktop Management Interface
(DMI) provider;
translating the object request to a DMI request;

transmitting the DMI request to a DMI component instrumentation via a DMI service provider;
receiving a plurality of responses from the DMI service provider; and
consolidating the plurality of responses.

10. (Currently Amended) The method of claim 9, further comprising:
transmitting an event generated by the DMI component instrumentation to the ~~CIM to DMI~~CIM/DMI provider via the DMI service provider;
translating the event into a CIM interrupt; and
transmitting the CIM interrupt to a CIM client application via a proxy CIMOM.
11. (Currently Amended) The method of claim 9, further comprising:
registering a ~~CIM to DMI~~CIM/DMI provider with a DMI service provider as a DMI management application;
receiving a DMI event or CIM request;
translating the DMI event into a CIM interrupt or the CIM request into a DMI request; and
transmitting the translated CIM interrupt to the CIM client application or the translated DMI request to the DMI component instrumentation.
12. (Currently Amended) The method of claim 9, wherein the translating of the object request to a DMI request is preformed by a ~~CIM to DMI~~CIM/DMI translation module.

13. (Currently Amended) A machine-readable medium having data stored thereon representing sets of instructions which, when executed by a machine, cause the machine to:
- instantiate an object request for a class by a Common Information Model (CIM) client application;
- transmit the object request to a proxy Common Information Model Object Module (CIMOM) that relays the object request to a ~~CIM to~~ CIM/Desktop Management Interface (DMI) provider;
- translate the object request to a DMI request; and
- transmit the DMI request to a DMI component instrumentation via a DMI service provider.
14. (Currently Amended) The machine-readable medium of claim 13, wherein the sets of instructions, when executed by the machine, further cause the machine to:
- transmit an event generated by the DMI component instrumentation to the ~~CIM to~~ DMICIM/DMI provider via the DMI service provider;
- translate the event into a CIM interrupt; and
- transmit the CIM interrupt to a CIM client application via a proxy CIMOM.
15. (Currently Amended) The machine-readable medium of claim 13, wherein the sets of instructions, when executed by the machine, further cause the machine to:
- register a ~~CIM to~~ DMICIM/DMI provider with a DMI service provider as a DMI management application;
- receive a DMI event;

translate the DMI event into a CIM interrupt; and
transmit the translated CIM interrupt to the CIM client.

16. (Currently Amended) The machine-readable medium of claim 13, wherein translating the object request into a DMI request is preformed by a ~~CIM to~~ DMICIM/DMI translation module.